

Title (en)
FOSSIL-FUEL FIRED CONTINUOUS STEAM GENERATOR

Title (de)
FOSSILBEHEIZTER DURCHLAUFDAMPFERZEUGER

Title (fr)
GENERATEUR DE VAPEUR INSTANTANE CHAUFFEE PAR COMBUSTIBLE FOSSILE

Publication
EP 1166014 B1 20081015 (DE)

Application
EP 00922443 A 20000320

Priority
• DE 0000864 W 20000320
• DE 19914761 A 19990331

Abstract (en)
[origin: US2002017251A1] A continuous-flow steam generator includes a combustion chamber with evaporator tubes for fossil fuel. The combustion chamber is followed on the fuel-gas side by a vertical gas flue through a horizontal gas flue. When the continuous-flow steam generator is in operation, temperature differences in a connecting portion, which includes an outlet region of the combustion chamber and an inlet region of the horizontal gas flue, are to be kept particularly low. For such a purpose, of a plurality of evaporator tubes capable of being acted upon in parallel by flow medium, a number of evaporator tubes are guided in the form of a loop in the connecting portion.

IPC 8 full level
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